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FORM PTO-1449  <u>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.5080001/RWE/CJW	APPLICATION NO. 09/986,750
	APPLICANT Pires et al.	
	FILING DATE November 9, 2001	GROUP 1635

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
JDS	AG1	4,419,509	12/06/1983	Hsiung			08/24/1981
JDS	AH1	4,965,349	10/23/1990	Woo et al.			12/24/1987
	AI1	5,428,148	06/27/1995	Reddy et al.			04/24/1992
	AJ1	5,472,672	12/05/1995	Brennan			10/22/1993
✓	AK1	5,518,651	05/21/1996	Reddy et al.			06/08/1994

FOREIGN PATENT DOCUMENTS

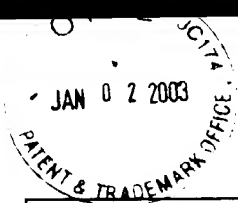
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
JDS	AM1	EP 0 323 152 A2	07/05/1989	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
JDS	AN1	EP 0 786 468 A2	07/30/1997	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AO						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AP						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
JDS	AS	4	Boal, J.H., et al., "Cleavage of oligodeoxyribonucleotides from controlled pore glass supports and their rapid deprotection by gaseous amines," Nucl. Acids Res. 24:3115-3117, Oxford University Press (1996).
JDS	AT	4	Matteucci, M.D., and Caruthers, M.H., "Synthesis of Deoxyoligonucleotides on a Polymer Support," J. Am. Chem. Soc. 103:3185-3191, American Chemical Society (1981).

EXAMINER

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
JD	AA2	5,529,756	06/25/1996	Brennan			07/13/1995
	AB2	5,539,097	07/23/1996	Arnold Jr.			07/08/1994
	AC2	5,738,829	04/14/1998	Kempe			02/15/1996
	AD2	5,756,705	05/26/1998	Wang			03/05/1997
	AE2	5,804,375	09/08/1998	Gelfand et al.			04/25/1995
	AF2	6,255,476 B1	07/03/2001	Vinayak et al.			02/22/1999
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JD	AR	5	Reddy, M.P., et al., "Fast Cleavage and Deprotection of Oligonucleotides," Tetrahedron Lett. 35:4311-4314, Elsevier Science Ltd. (1994).
JD	AS	2	"Alternatives to Expedite Monomers," Glen Research, Online Product Information, 2 pages, Glen Research, available at << <a href="http://www.glenres.com/ExtraPages/Alternatives.html">http://www.glenres.com/ExtraPages/Alternatives.html</a> >> 2 pages (accessed May 20, 1999).
	AT	5	"Ac dC," Glen Research, Online Product Information, Glen Research, available at << <a href="http://www.glenres.com/ProductFiles/Information/1615.htm">http://www.glenres.com/ProductFiles/Information/1615.htm</a> >>

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

J. J. 4	AR	6	"Solid phase phosphoramidite oligonucleotide synthesis," in <i>Oligonucleotides and Analogues: A Practical Approach</i> , Eckstein, F., ed., Oxford University Press, New York, NY, Chap. 2.2, pp. 4-9 (1991).
- J. J.	AS	6	International Search Report for International Patent Application No. PCT/US00/14274, mailed August 31, 2000
J. J. 5	AT	6	Supplementary European Search Report for European Patent Application No. EP 00937701, dated 11/11/2000

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

556	AR	1	Copy of co-pending U.S. Application No. 09/576,555, Gebeyehu et al., filed May 24, 2000.
	AS		
	AT		

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